

**State of Wisconsin/Department of Transportation**  
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: Jun 30, 2008

Program: SPR-0010(36) FFY99		Part: II Research and Development	
<b>Project Title:</b> Data Integration and Partnership for Statewide Transportation Planning		<b>Project ID:</b> 0092-07-23	
<b>Administrative Contact:</b> Nikki Hatch		<b>Sponsor:</b> Wisconsin Department of Transportation	
<b>WisDOT Technical Contact:</b> Jim McDonnell		<b>Approved Starting Date:</b> September 1, 2007	
<b>Approved by COR/Steering Committee:</b> \$79,989		<b>Original End Date:</b> February 28, 2009	
<b>Project Investigator (agency &amp; contact):</b> Jessica Y. Guo Department of Civil and Environmental Engineering University of Wisconsin - Madison		<b>Current End Date:</b> March 31, 2009	
		<b>Number of Extensions:</b> 0	

**Percent Complete:** 50%

**Request a No Cost Time Extension (Please Select One):** ☐ YES ☒ NO

**Reason for No Cost Time Extension:** N/A

**Project Description:**

This project aims to thoroughly assess the data availability, accessibility, and interoperability issues arisen from the transportation planning process in Wisconsin and identify possible approaches for addressing these issues. The specific research activities include:

1. Synthesize the best practices of data integration and partnership for transportation planning in the nation and abroad.
2. Identify the business and analytical processes constituting the current statewide transportation planning practice in Wisconsin and catalog the data currently used to support the processes.
3. Identify and document barriers to the access and integration of planning-related data, as well as current/future data needs that better support transportation modeling and planning activities in Wisconsin.
4. Develop data and process flow diagrams to reflect the desired movement and inter-relationships of data for supporting current and future transportation planning needs.
5. Recommend methodologies for overcoming the barriers to data integration and partnership within WisDOT, as well as between WisDOT and other agencies. Identify the next steps to further evaluate the cost effectiveness of the recommended methodologies.
6. Prepare final report.

**Progress This Quarter:**

(Includes project committee mtgs, work plan status, contract status, significant progress, etc.)

Below is the current status of each on-going task:

Task 1: Completed.

Task 2: The research team has compiled a draft data catalog that provides information on legacy systems such as Meta Manager and WISLR, as well as various land use/cover data sources. We will continue to expand this catalog as the planners identify additional datasets of interest and more information becomes available.

Task 3: Completed. Ten survey responses were received from the Bureau of Planning staff. The research team has summarized the survey findings on the data needs for current and future planning; data sources; and user experience regarding accessibility, quality, format, and timeliness of data. The information collected is being used to expand the scope of the data catalog (Task 2).

